



July 24, 2015

Dean Naujoks  
Potomac Riverkeeper  
Washington DC

Dear Dean,

I am attaching a report on the sediment and water samples collected from the vicinity of Possum Point in May 2015. The report includes an analysis of the concentrations of metals and some minerals (calcium and arsenic, for example) that were measured by the two analytical labs. As you know, four different places were sampled: one reference location and three near shore or at the shore. A water sample could not be collected at location number 1.

The most significant result is that the water and sediment at location #2, from water flowing off the land at the edge of a marsh at the base of pond D had high concentrations of metals. Both water and sediment from this location had a number of metals that were much higher than the reference location. It is notable that boron was quite high in the water sample, and boron is an indicator of ash, especially coal ash. The metal selenium, also found at high level in coal ash, was quite elevated in the sediment sample from this same location (#2).

Please let me know if I can be of any further assistance to you and your colleagues.

Yours truly,

Peter L. deFur, Ph.D.